RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10 534780	
Source: PCT	•
Date Processed by STIC: 5205	

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PCT

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PATENT APPLICATION: US/10/534,780

DATE: 05/20/2005 TIME: 13:43:22

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Output Set: N:\CRF4\05202005\J534780.raw

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     5 <120> TITLE OF INVENTION: Hydroxypyruvate Reductase Nucleic Acids, Polypeptides,
Promoter
              Elements and Methods of Use Thereof in Plants
     6
      8 <130> FILE REFERENCE: 22542-010-061
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/534,780
C--> 11 <141> CURRENT FILING DATE: 2005-05-13
     13 <150> PRIOR APPLICATION NUMBER: 60/427,204
     14 <151> PRIOR FILING DATE: 2002-11-18
     16 <160> NUMBER OF SEQ ID NOS: 30
     18 <170> SOFTWARE: PatentIn version 3.2
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     33 gagatatgtc atttgaagaa gacaatcttg tctgtagaag atatcattga tctgatcgga
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     35 gacaagtgtg atggagtcat cggtcagttg acggaagatt ggggagagac tctgttctca
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     37 gctttgagca aagctggagg gaaagctttc agtaacatgg ccgttggtta taacaacgtt
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     47 gctagaatga tggtggaagg gttcaagatg aatttgatct actttgatct ttaccaatcc
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     49 actcgtcttg agaaatttgt gacagcttat ggacagttct tgaaagcaaa tggagaacaa
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     51 cctgtgacat ggaaacgagc ttcgtccatg gaggaggtgc tgcgtgaggc tgatctgata
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     59 gaagagccat tcatgaaacc agggcttgct gatacgaaaa acgctattgt tgttcctcac
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     61 attgcttctg cttccaagtg gactcgtgaa ggaatggcta cgcttgcagc tctcaacgtc
     63 ctcggaagag tcaaagggta cccgatttgg catgacccga accgagtcga tccattcttg
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     65 aacgaaaacg cttcaccgcc caatgccagt ccaagcatcg tcaactcaaa ggccttagga
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76 <223> OTHER INFORMATION: encoded HPR protein sequence

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177 385
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191 gggcggtgaa gcgttttcgt tcaagaatgg atcgactcgg ttcgggtcat gccaaatcgg
193 gtaccetttg actetteega ggaegttgag agetgeaage gtageeatte etteaegagt
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                                                                          240
195 ccacttggaa gcagaagcaa tgtgaggaac aacaatagcg tttttcgtat cagcaagccc
197 tggtttcatg aatggctctt cctcgaacac atcgagacca actcggaaca tcgggttctc
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199 tttgagatgt tcgaccaaag ctgcctcatc gatcacagga cctctgctgc agttcacaag
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201 gattgcttcc tttttcatca tggcaagcct ctccttgttg acaagatggt aagtggtttt
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203 gtccagcacc gggtgaagac ttatcagatc agcctcacgc agcacctcct ccatggacga
                                                                          480
205 agetegttte catgicacag gitgitetee attigettte aagaaetgie cataagetgi
                                                                          540
207 cacaaatttc tcaagacgag tggattggta aagatcaaag tagatcaaat tcatcttgaa
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209 cccttccacc atcattctag cataagcaga tccaatacgt ccagctccaa taactccaac
                                                                          660
211 agtotgtoot ttaagtaagt tooccacaaa cagatgagga agcoatcoot cgtacaagco
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213 acctctcatg aattcgtcgg cttcaacaat tcttcttgca gcagccaagg aaagagaagc
                                                                           780
215 agctagttca gccgtcgtct cagtcaacac tcccggagtg ttaccgacag caattccata
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217 cttattggca gcttcaacat caacgttgtt ataaccaacg gccatgttac tgaaagcttt
                                                                           900
219 ccctccagct ttgctcaaag ctgagaacag agtctctccc caatcttccg tcaactgacc
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221 gatgactcca tcacacttgt ctccgatcag atcaatgata tcttctacag acaagattgt
223 cttcttcaaa tgacatatct caacgcgaca accttggtct accaagagat tgatccagcg
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                                                                         1140
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243 attgatttgc cttttgacat aattttgtta ataatcttga ttacaaattt tagtcagtgt
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245 ttgatgcata gttgcatact gcagagttga gtttggatat ggccacgtca gcattatctc
247 gttaccaaaa cgtaaggtcc aaactcagat aatacaaacg aagcagttct ttgtcactct
                                                                           300
249 atcatcaaca tatgaaccac accaaaaaag aacaaaatcg tagataatga tcatgcaaaa
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251 ccgaccgttg gatcttactt tcgatttcaa accacataaa tcttagtgac tgagctaaaa
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253 aactgaaatt ttttaaaagg caagacctcc tctgtttcca tattctcacc acagaagaac
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261 <213> ORGANISM: Artificial
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269 agttctttgt cactctatca tcaacatatg aaccacaca aaaaagaaca aaatcgtaga 271 taatgatcat gcaaaaccga ccgttggatc ttactttcga tttcaaacca cataaatctt 273 agtgactgag ctaaaaaaact gaaatttttt aaaaggcaag acctcctctg tttccatatt 275 ctcaccacag aagaactctt gaggctttct cttttctcta ccatggcg 278 <210> SEQ ID NO: 6 279 <211> LENGTH: 26 280 <212> TYPE: DNA 281 <213> ORGANISM: Artificial 283 <220> FEATURE: 284 <223> OTHER INFORMATION: HPRClaI primer 286 <400> SEQUENCE: 6 287 aaatcgatat ggcgaaaccg gtgtcc 290 <210> SEQ ID NO: 7 291 <211> LENGTH: 29	
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RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/10/534,780

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27 Seq#:28,29,30 VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date